

Serial No. 10/792,272
Reply to Office Action of September 18, 2008

RECEIVED Docket No. LT-0035
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Listing of Claims

1. (Previously Presented) A method, comprising:
determining whether a first parental grade code is included with a video signal;
generating a second parental code when the first parental grade code is not included with the video signal, wherein the second parental code corresponds to one of a plurality of parental levels selected by a user for the video signal;
generating information that indicates the generation of the second parental code; and
blocking viewing of an entire program corresponding to the video signal based on the second parental code, wherein the second parental grade code is recorded in a navigation area of a disc from which the video signal is received and wherein viewing of the entire program is blocked based on detection of the second parental code in the navigation area of the disk.
2. (Previously Presented) The method of claim 1, wherein the first parental code is information received and associated with the video signal, and wherein the video signal is received from an external source.
3. (Original) The method of claim 1, wherein the first parental code is information recorded in a memory of a recordable medium or an optical disc player.
4. (Previously Presented) The method of claim 1, wherein the second parental code is generated as a default value.
5. (Original) The method of claim 4, wherein the default value is responsive to one of a source of the video signal, a channel of the video signal, an actor or a title.

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6. (Previously Presented) The method of claim 1, wherein the second parental code is generated as a value set by the user.
7. (Original) The method of claim 1, wherein the first and second parental codes are generated by a unit of a video program, a recording medium or a unit of a device producing the video program.
8. (Previously Presented) The method of claim 1, wherein the disc includes a plurality of video programs.
9. (Previously Presented) The method of claim 7, wherein an optical disc player for reproducing the disc includes a single parental code level.
10. (Original) The method of claim 1, wherein the information is time information indicating when the second parental code is generated.
11. (Previously Presented) The method of claim 1, further comprising:
 - generating an on-screen display (OSD) menu including a number of playback control options;
 - displaying a message including the information when a parental control option is selected from the menu, wherein the information includes the plurality of parental levels in selectable form;
 - receiving a signal from a user selecting one of the parental levels corresponding to the second parental code.

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12. (Previously Presented) The method of claim 11, wherein the displaying a message comprises one of displaying the message for a predetermined time before a corresponding video program plays back or displaying the message until acknowledged by appropriate user action.
13. (Previously Presented) The method of claim 1, comprising recording the second parental code and information that indicates the generation of the second parental code.
14. (Previously Presented) The method of claim 1, wherein the recording is performed on at least one of a memory provided in a device or a mobile recording medium.
15. (Previously Presented) The method of claim 1, wherein the disc includes:
a first memory area to store a video signal,
a second memory area to store the parental code for controlling a parental view,
wherein the parental code is configured to be renewed by a command, and
a third memory area to store status information indicating the renewal of the parental code.
16. (Canceled)
17. (Previously Presented) A recording medium, comprising:
a first memory area configured to store a video signal;
a second memory area configured to store a parental code that controls viewing access to a video program in the video signal, wherein the parental code is a user-selected code configured to be updated and recorded in the second memory area with another user-selected code by a command; and

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a third memory area configured to store status information indicating the renewal of the parental code recorded in the second memory area.

18. (Previously Presented) The recording medium of claim 17, wherein the user-selected parental code is a prescribed second parental code used for controlling viewing when a video program stored on the recording medium does not contain a first parental code.

19. (Original) The recording medium of claim 18, wherein the second parental code is at least one of generated as a default value and generated as a value set by a user.

20. (Original) The recording medium of claim 18, wherein the status information is time information, final change data or an alert when the parental code is generated.

21. (Original) The recording medium of claim 17, wherein the status information is time stamp information when the parental code is renewed.

22. (Original) The recording medium of claim 17, wherein the renewal of the parental code is at least one of reset by a user, accessed by the user, verified user entry and operated by a password.

23. (Original) The recording medium of claim 22, wherein the status information is a history interval recording over a prescribed period of time or a prescribed number of accesses by the user.

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24. (Previously Presented) The recording medium of claim 17, wherein the memory areas are provided on at least one of a memory provided in a device or a mobile recording medium.

25. (Currently Amended) An apparatus for managing a parental control code, comprising:
a detector that is capable of detecting ~~detects~~ a first parental grade code as a parental code corresponding to a video signal; ~~and~~
a parental code generator that generates a second parental code as the parental code when the first parental grade code is not provided with a video signal, and
a memory that stores status information indicating generation of the second parental code, wherein:

the second parental code corresponds to one of a plurality of parental levels selected by a user for the video signal,

the second parental grade code is recorded in a navigation area of a disc from which the video signal is received, and

detection of the second parental code in the navigation area of the disc is used as a basis for blocking viewing of an entire program corresponding to the video signal.

26. (Original) The apparatus of claim 25, wherein the second parental code is one of generated as a default value and generated as value set by a user.

27. (Currently Amended) The apparatus of claim 25, further comprising:
a controller;
~~a memory;~~

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an on-screen generator; and
an optical pickup for inputting and outputting data for a loaded recording medium.

28-31 (Canceled)

32. (New) The method of claim 1, wherein the first parental grade code is a code that is pre-recorded on the disk.

33. (New) The method of claim 1, wherein the second parental grade code is recorded in a section corresponding to a real-time recording video manager (RTR_VMG) on the disk.

34. (New) The method of claim 1, wherein the second parental grade code is recorded in a section corresponding to a parental manager information table (PTL_MAIT) on the disk.

35. (New) The method of claim 1, wherein the disk includes a plurality of titles and wherein second parental codes are generated and recorded in the navigation area of the disc when no corresponding first parental codes are detected from the disk for the titles.